REMARKS

Applicants respectfully request reconsideration of this application, as amended.

With regard to paragraph 4 of the Office Action asserting that item 9 from the 27 February 2006 IDS was not considered, the Examiner states that the IDS lacks a suitable English translation. However, please note that USP6251081 was submitted in the said IDS and the U.S. Patent responds to JP-A-2000107144. In that the U.S. counterpart application was submitted, Applicants respectfully request the Examiner to consider reference 9, i.e., JP 2000-107144.

One exemplary aspect of the invention is characterized in that when it is determined that the electrocardiogram included in the cardiac cycle is not displayed in the output region due to the presence of noise, the electrocardiogram for the cardiac cycle is displayed in the output region in the direction of cardiac electric potential variation components and, in the scrolling, the electrocardiogram is shifted in a direction of cardiac electric potential variation components without causing a deformation of waveform. Therefore, the electrocardiogram can be displayed in the output region without change of the waveform.

In contrast, Brodnick, which is relied upon for the rejection under §102(e), discloses an apparatus for real time display of filtered electrocardiogram data (See Title of the Invention). In Brodnick, the unfiltered and baseline adjusted waveform is displayed at region 404 and the filtered waveform (waveform filtered by FIR) is simply scrolled (i.e., shifted to the left) at region 402 (see column 3, lines 33 to 52).

In Brodnick, the unfiltered and baseline adjusted waveform and the filtered waveform are displayed continuously in a single display device and therefore some distortion occurs between two types of waveforms. In other words, the unfiltered waveform and filtered waveform are displayed in mix in Brodnick. The result is that there is some risk to misdiagnose a waveform.

To the contrary, in accordance with one embodiment of the present invention, only the unfiltered waveform is displayed. Therefore, the present invention has at least the advantage of being able to provide a suitable waveform display for diagnosis.

Brodnick at least does not disclose the characteristic of, when it is determined that the electrocardiogram included in the cardiac cycle is not displayed in the output region due to a presence of the noise, the electrocardiogram for the cardiac cycle is scrolled in the output region

in a direction of cardiac electric potential variation components and in said scrolling, the electrocardiogram is shifted in a direction of cardiac electric potential variation components without causing a deformation of waveform.

At least based on the above, it is believed the claims are patentably distinguishable from the reference of record. A Notice of Allowance is thus respectfully requested.

In the event that a telephone conversation would further prosecution and/or expedite allowance, the Examiner is invited to contact the undersigned. The Commissioner is hereby authorized to charge to Deposit Account No. 19-1970 any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby Petitioned.

Respectfully submitted,

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By: _____

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